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Huang

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[54]	INSOLE PAD HAVING STEP-COUNTING DEVICE				
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[57] ABSTRACT

An insole pad having step-counting device includes an insole pad body, a fluid bag, a connecting portion, a pressure-sensitive sensor, a thermostat, a transmitting circuit, and a receiving circuit. The fluid bag has an outlet, and is filled with fluid. The connecting portion is connected to the outlet of the fluid bag. The pressure-sensitive sensor and the thermostat are disposed within the connecting portion to contact directly with the fluid to detect the variation of pressure and temperature, respectively. The detected variation of pressure and temperature can be converted into pressure and temperature signals respectively. The sensor and thermostat are connected to a transmitting circuit in which the pressure and temperature signals can be received and processed. The signals are further converted into a value that can be transmitted in an RF signal. The RF signal can be collected by a receiving circuit and is further modulated, decoded, controlled and finally displayed on a liquid crystal display.

15 Claims, 9 Drawing Sheets

